

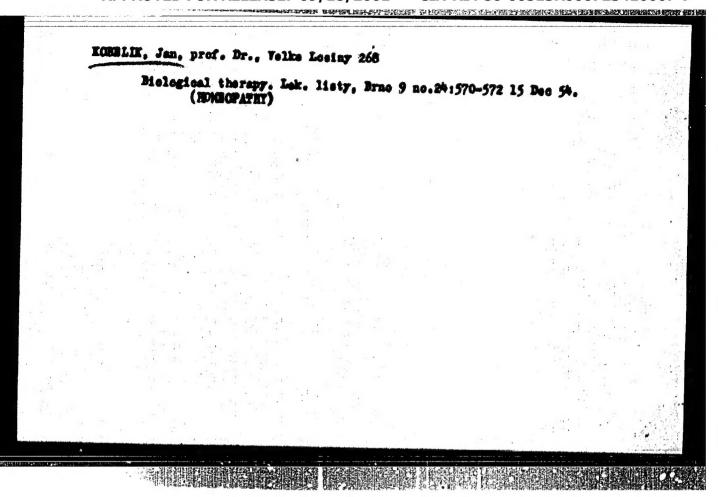
ZOLOTEV, M.T.; USENKO, V.F.; KOBELKVA, V.A.; KISLIAKOV, Yu.P.;
ISANGULOV, K.I.; CAZIZOV, Z.S.

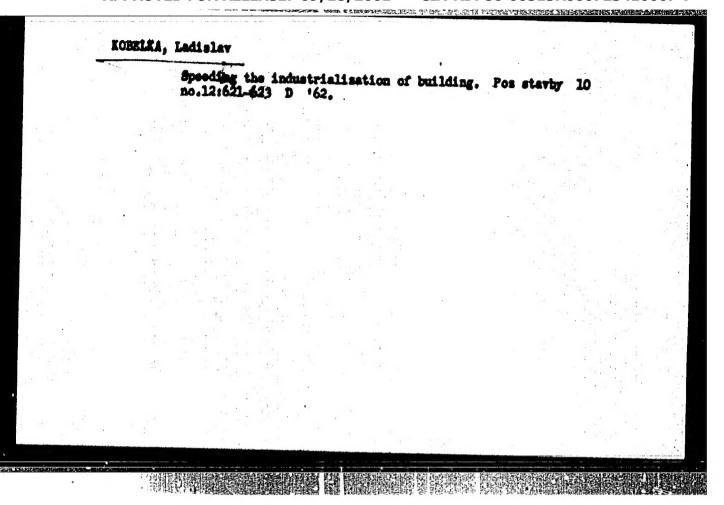
Study of producing wells having bottom pressure below saturation pressure. Trudy MINKH10P no.33:213-225 '61. (MIRA 15:1)

(011 sales voir engineering)

ZOLOYEV, T.M.; IMANAYEV, N.G.; KOHELEVA, V.A.; YAKUPOV, F.M.

Development of the Apsalyamovo water out petroleum area of the Tuymasy field. Neft. khos. 42 no. 3:21-26 km '64. (MIRA 17:7)





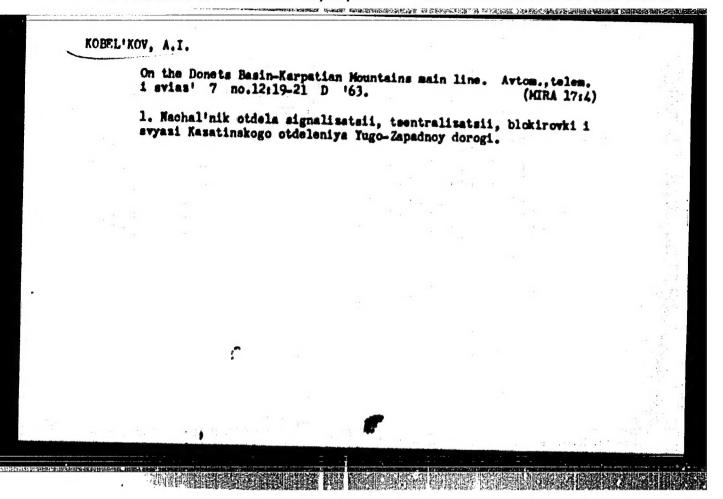
Let us resolutely carry out concepts of the technical and economic development of the building industry. Pos stavby 12 no.11:453-456 '64.

1. Section of the Building Industry of the Central Committee of the Communist Party of Csechoslovakia, Prague.

KOBEL'EC, M.P., MEKHANIZIROVA'NAYA ZAGHUZKA 1 SHURCVKA GAZCGEMERATCROV
(m.v. poduysotskiy. fil'tr dlym och atki vody pri polirovke stekla.
m.), 1954. 2s. s. chert. 26sm. (glaustroysteklo mpem SSSR. obmen opytem v atekol'nop promesti. inform. listok otd. tekhn. informatsii tresta "ORGSTEKLE" lo. 18). E50 eks. bespl. acst. ukazuny v kontse

666.1.035/662.72032

SO: Knishnaya Letcpis', Vol. 1, 1956



ACC NRI AP6033468

SOURCE CODE: UR/0413/66/000/018/0054/0054

INVENTOR: Tager, A. S.; Mel'nikov, A. I.; Kobel'kov, G. P.; Tsebiyev, A. H.

ORG: None

TITLE: A method for generating and emplifying SHF oscillations using semiconductor diodes. Class 21. No. 185965

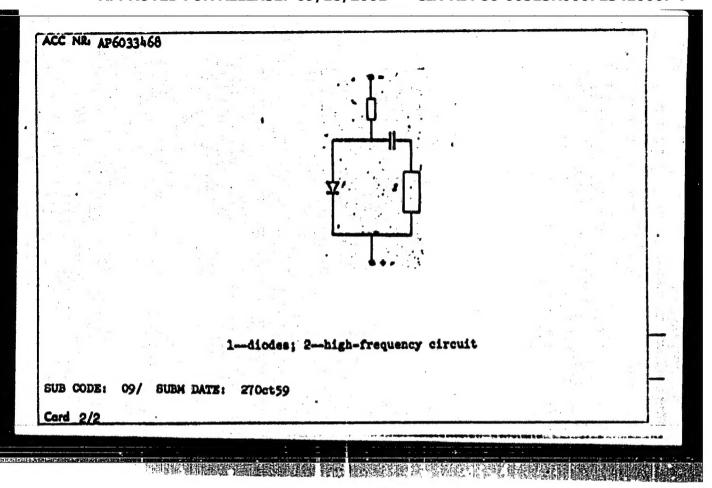
SOURCE: Izobret prom obras tov sn, no. 18, 1966, 54

TOPIC TAGS: SHF oscillator, SHF amplifier, semiconductor diode, waveguide, resonator

ABSTRACT: This Author's Certificate introduces a method for generating and amplifying SHF oscillations using semiconductor diodes. Stable generation or amplification of oscillations in the centimeter and millimeter vavelength ranges is produced by placing the semiconductor diodes in a resonance or vaveguide system, connecting them in a DC circuit and selecting their parameters and working points on the voltage-current curve in such a way that the resistance of the diodes on direct current and on frequencies below the working frequencies is positive while the resistance in the working frequency range is negative and greater than the resistance of losses in the diodes and in the high-frequency circuit.

Cord 1/2

UDC: 621.373.422

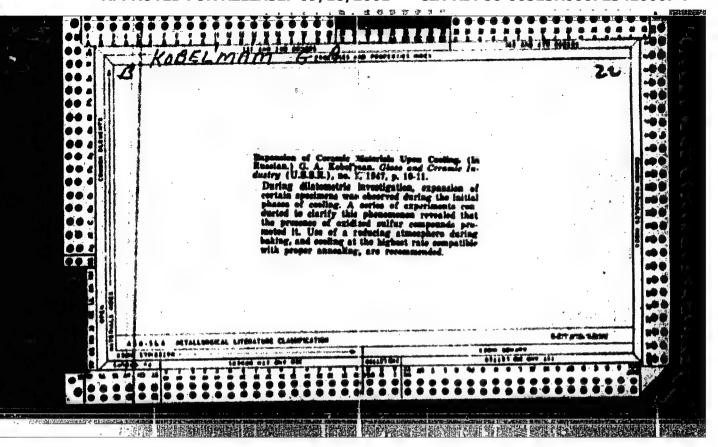


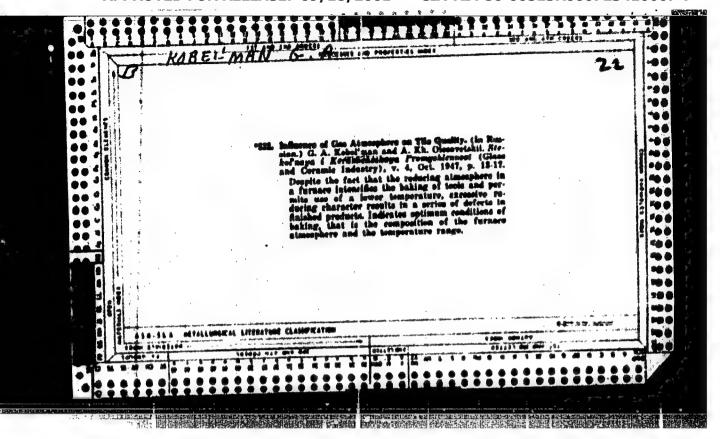
SHUGAL, Ye.G.; RYABOT, O.M.; BOCHAROVA, T.V.; KISLYAK, L.M.,; KCERL'KOVA,
A.M.; LIKOV, A.D.; MANYAKHIMA, O.V.; SHLEMOVA, T.G.; ZAGUFOVA,
Ye.I.; IVANOV, M.A.; RYBKIM, I.P.; KHCKHLOVA, P.To.; KHKUMYAYAWA,
A.S.; PROLOVA, M.I.; RAKOV, F.M., Yed.; MARCHIMKO, V.A., Ted.;
KCLPAKOV, B.T., red.; DEMINA, V.M., red.; MELENT'INV, A.M., tekhn.
red.

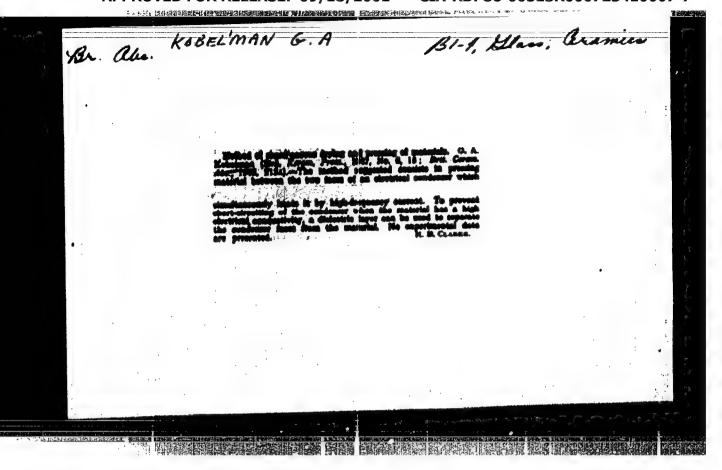
[Soviet commerce of the R.S.F.S.R.; a statistical manual] Sovetskain torgovlin v RSFER; statisticheskii sbornik. Moskva, Gos.; fat. isd-vo, 1956. 342 p. (MIRA 11:10)

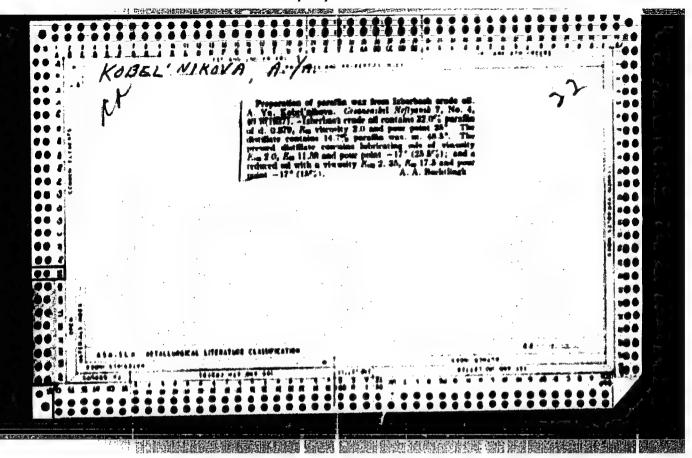
1. Russia (1917- R.S.F.S.R.) TSentral noye statistichesknye upravleniye.

(Commercial statistics)









PUZYREV, A.V.; ODINOKOV, I.V.; OSMOLOVSKAYA, T.; KDIELYAKOV, L.M., red.

[Air comitioning in textile factories] Konditairovanie vosdukha na tekstil'nykh predpriiatiiakh. Ivanovo, 1961. 22 p. (KIRA 17:9)

1. Vsesoyumnyy nauchno-issledovatel'skiy institut okhrany truda.

KORELYAKOV, L.M., red.

[Materials of the All-Union Conference-Seminar on the Maintenance of Machines and Tractors of Collective and State Farms] Materialy Vsesoiumogo soveshchanita-seminara po tekhnicheskomu ebslushivanitu mashinno-traktornogo parka kolkhosov i sovkhosov. Moscov, 1963. Moskva, Biuro tekhn. informatsii i reklamy, 1963. 147 p. (MIRA 17:9)

1. Vsesoyusmoye soveshchaniye-meminar po tekhnicheskomu obsluzhivaniyu mashimmo-traktornogo parka kolkhosov i sovkhosov. Moseov, 1963.

KOBELYANSKIY, V.I., insh.; CHERNOIVANENKO, V.A., insh.

New coal preparation plants for hydraulically worked mines. Promestroi. 42 no.2:16-18 *65. (MIRA 18:4)

1. Sibirskiy gosudarstvennyy proyektnyy institut po obahchestroitel'nomu i sanitarno-tekhnicheskosu proyektirovaniyu prosyshlennykh
predpriyatiy Gosstroya SSSH.

VASIL'YEV, V.G.; KOBELYATSKIT, I.A.; THEOMIEOV, Tu.P.; CHESKIT, E.V.

Current problems relative to gas prospecting in the Yakut
A.S.B.R. Gas.prom. 5 no.1:13-17 Ja '60.

(MIRA 13:4)

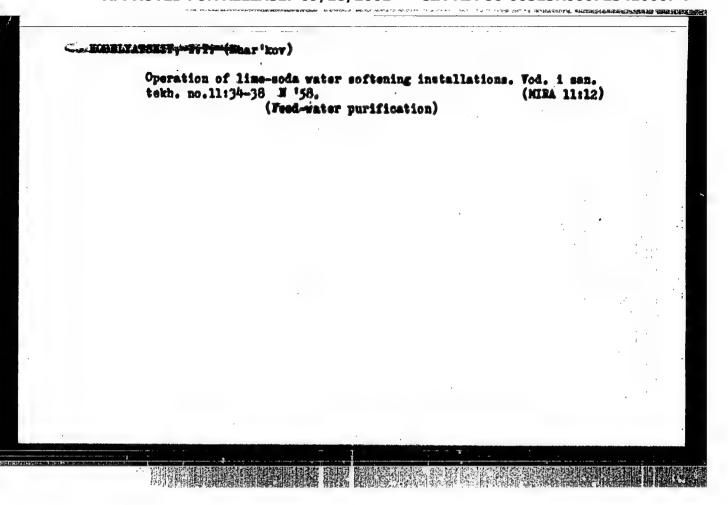
(Yakutia--Gas, Matural--Geology) (Prospecting)

BABAYAN, G.D.; BARKHATOV, G.V.; BOHROV, A.K.; BOWDARKHKO, V.I.; VASIL'YEV, V.G.; KOBELYATSKIY, I.A.; MIKOLAYEVSKIY, A.A.; TIKHONIROV, Yu.P.; CHEPIKOV, K.R.; CHERSKIY, W.V.; CHICHMAREV, V.G.; REKMAN, Yu.K., vedushchiy red.; MUKHIMA, N.A., tekhn.fed.

[Geology, and oil and gas potentials of the Yakut A.S.S.R.] Geologicheakoe stroenie i neftegasomosnost IAkutekoi ASER. Pod red. Y.G.Yasil'eva. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 478 p. (MIRA 13:11)

(Yakutia--Petroleum geology)

(Yakutia--Gas. Matural--Geology)



GORNSHTEYN, D.K.; GUDKOV, A.A.; KOSOLAPOV, A.I.; LEYPTSIG, A.V.;

MEL'NIKOV, V.M.; MOKSHANTSEV, K.B.; FRADKIN, G.S.; CHERSKIY,

N.V.; TROFIMUK, A.A., akadestik, nauchn. red. vyp.; ROZMKOV,

I.S., glav. red.; KOBELYATSHIY, I.A., sam. glav. red.;

SHATALOV, Ye.G., sam. glav. Ted.; BONDARENKO, V.I., red.;

GRINBERG, G.A., red.; YELOVIKIKH, V.V., red.; RUSANOV, B.S.,

red.; SEMENOV, O.T., red.; TKACHENKO, B.V., red.; KALAMTAROV,

A.P., red.; SCHENOV, G.T., tekhn. red.

[Basic stages of the geological development and prospects for finding oil and gas in the Yakut A.S.S.R.] Osnovnye etapy geologicheakogo rasvitiia i perspektivy neftegazonosnosti IAkutskoi ASSR. [By] D.K.Gornshtein i dr. Hoakva, Isd-vo AN SSSR 1963. 238 p. (HIRA 16:12)

(Yakutia--Petroleum geology) (Yakutia--Gas, Hatural---Geology)

from May 24, 1961. [Abstractor's note: Complete translation]:

ACC NRI AP7000678

SOURCE CODE: PO/0053/66/000/011/0529/0534

AUTHOR: Kobendsa, Andrzej; Chorazy, Maria

ORG: Department of Electronics, Institute of Basic Problems of Engineering, Polish Academy of Sciences (Zaklad Elektroniki IPPT PAN)

TITLE: Certain properties of CdSe thin films and their use in active electronic devices

SOURCE: Przeglad elektroniki, no. 11, 1966, 529-534

TOPIC TAGS: microelectronic thin film, semiconducting film, semiconductor diode, UNDINUM SPLENIOE, METAL DEPOSITION

ABSTRACT: The technology of obtaining CdSe thin films by vacuum deposition is described. Pure CdSe layers were deposited on freshly rifted mice or thoroughly degreased glass microscope slides. The base was preheated in a temperature range from 20 to 500°C; the evaporation was made at a pressure of 4 x 10°5 mm Hg; the deposition rate was 7 to 100 Å per sec (average 20 Å/sec). Hetallic contacts from Al, In, Ag, and Au were evaporated on top of the CdSe. Specific resistivity p and carrier Hall mobility p were measured using the van der Pauw method. It was found that preheating the deposition material significantly affects p, which declines as temperature increases, and the time during which the CdSe must be baked in a vacuum. The temperature of the base during evaporation also have a basic effect on p and p. Neither parameter is affected by a layer thickness of over 0.4 p, pressure below 5 x 10°5 mm Hg, the deposition rate, or the nature of the evaporation source.

Gord 1/2

P/053/62/000/012/006/011 E102/E582

AUTHORS: Csichon, Herbert and Kobendsa, Andrsej

TITLE: Use of photo-sensitive layers with vinyl polyalcohol

in the manufacture of semiconductor devices

PERIODICAL: Przegląd elektroniki, no. 12, 1962, 701 - 703

TEXT: The shape of various active surfaces (e.g. emitter, base or diode junctions) can be controlled by using photo-sensitive layers made with vinyl polyalcohol, which is sensitized with the compounds of heptivalent chromium. These layers are useful for etching patterns on germanium and silicon surfaces, etching predetermined spots on silicon oxides and deposition of electrodes. Apart from that, the layers can be used in deep etching of silicon and germanium necessary in the manufacture of mesa transistors and for providing masks during the deposition of metal layers. There are 3 figures.

ASSOCIATION: Zakiad Elektroniki IPPT (IPPT Electronics Laboratory)

Card 1/1

KOBENDZA, Andreoj

Comparison of the properties of photosensitive layers with polyvinyl alcohol with the photosensitive properties of layers of emulsion produced by Kodaks KFR, PS, Resifax. Praegl elektroniki 5 no.3:114-122 Mr*64

1. Zaklad Klaktroniki, Instytut Podstavovych Problemow Techniki, Polska Akademia Mauk, Warsmawa.

KOHENDZA, Andreej

Comparison of the properties of photosensitive layers with polyvinyl alcohol with the photosensitive properties of layers of emulsion produced by Kodaks KFR, PG, Resifax. Practical elektroniki 5 no.31114-122 Mr*64

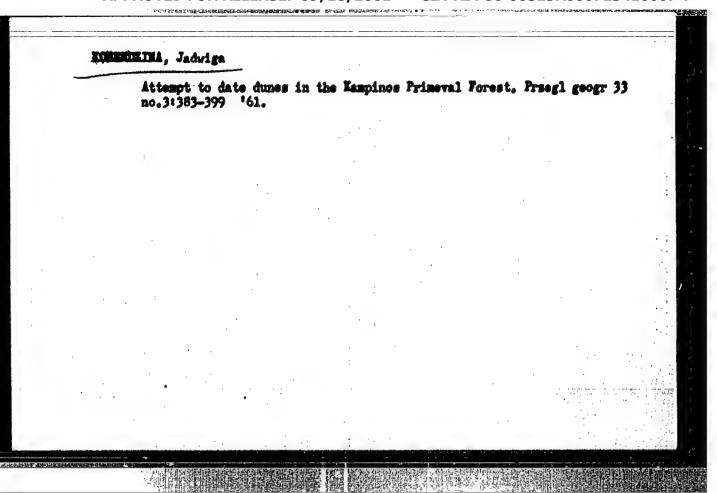
1. Enklad Elektroniki, Instytut Podstavovych Problemsw Techniki, Polska Skademia Nauk, Varsnewa.

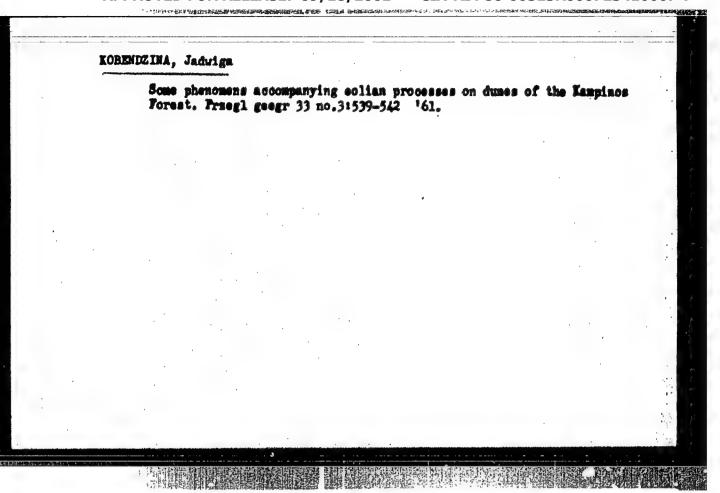
KOSENDZA, J.: KOSENDZA, R.

The Kampnoska Forest as an area for a metropolitan national park.

P. 1 (OCHRONA PRZYRODY) Poland, No. 24, 1957.

SO: Monthly Index of East European Acessions (AEEI) Vol. 6, No.11, November 1057.

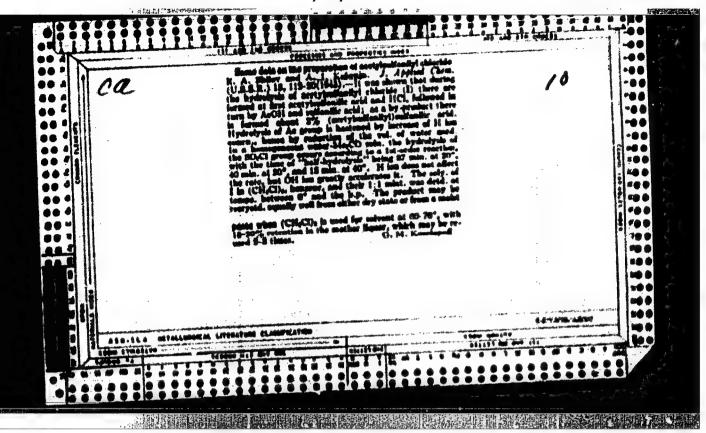


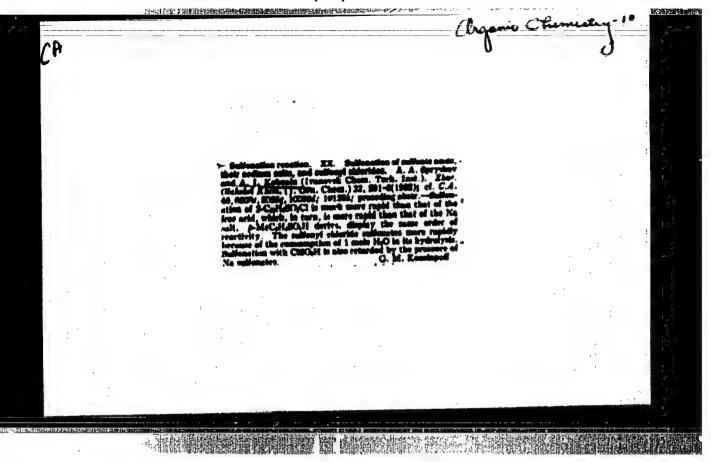


BOROWKO-DLUZAKOWA, Zofia; KOBENDZIKA, Jadviga

In connection with K. Wasylikowa's article. Przegl geogr 34 no.3:601-603 162.

1. Instytut Geografii, Polska Akademia Mauk, Warssawa.





SPRYSKOV, A. A., KOBENIN. A. I.

Sulfonation

Reaction of sulfonation. 20. Sulfonation of sulfonic acids, their sodim salts, and acid chlorides. Zhur. ob. khim. 22(84) No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952. Unclassified.

KOBENIN, A. I.

Kobenin A. I.

"Investigation of the Triaryl-Ethane Series." Min Higher Education USSR. Ivanovo Chemicotechnological Inst. Ivanovo, 1954. (Dissertation for the Degree of Candidate in Chemical Sciences)

So: Knishnaya letopis!, No 27, 2 July 1955

KOBENIN, A. I.

"Investigating the Triarylethane Series." Cand Chem Sci, Invanovo Chemicotechnological Inst, Ivanovo, 1954. (RZhKhim, No 7, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

KOBENKOWS . Pro stateme Tarter .

UBSR/Diseases of Fara Animals. Diseases Caused by Protozoa.

Abs Jour: Ref Zhur-Biol., No 3, 1958, 12283. A BALLA A TANDES

Author : Concharov, If Ye 7 Kleymenov, K. G., Fedorchenko, V. V.,

Kobenko, B. P. : Daghestan Institute of Agriculture Inst

Title : Experimental Uses of ASD FR-2 in Theileriosis of

Large Horned Cattle. (Preliminary Report).

Orig Pub: Tr. Dugest. s.-kh. in-ta, 1955, 6, 25-26.

Abstract: In cases of theileriosis and in cases of a mixed

invasion of theileriosis and piroplasmosis, ASD PR-2 was intravenously administered in a 25 percent solution of a 0.7-1.0 ml/kg dose with a simultaneous hypodermic injection of a 10 percent caffeine solution in the usual dose. The preparation was administered during the clinical stage of the disease. Of the

Card : 1/2

\$/275/63/000/003/013/021 4052/4126

AUTHORS

Caichon Herbert, Kobendse Andraej

TITLE

A method of removing oxide films from certain parts of semiconductor surfaces

PERIODICAL:

Referativnyy shurnal, Elektronika i yeye primeneniye, no. 3, 1963, 40, abstract 3B258P. (Pol. pat., ol.21g, 11/02, no. 45432. December 27, 1961)

TEXT: It is proposed to use as a photoresistor for silicon-base oxide films aqueous solution of poly vinyl alcohol sensitized by ammonium bichromate with an addition of a surface-active substance. After exposing the applied layer through the negative the unexposed parts of the exulsion are removed by washing in water. The tanned parts are treated in a chromic acid-solution of 50g/l concentration, or in a sulfurous phenolformaldehyde resin solution. To increase the acid-resistance after treatment in chromic acid, it is heated at 150 - 200cc during ~15 min; in the case of resin-solution treatmentitiedone at 220 - 330°C. After that the silicon oxide is etched off with hydrofluoric-acid solution to which ammonium fluoride is

Card 1/2

A method of removing oxide films from ...

8/275/63/000/003/015/021 4052/4126

added to reduce the water diffusion into the emulsion layer. When etching is finished the photoresistor is removed by heating the plates in eacheric, acetic or tertaric soid solution of 30 - 100g/1 concentration.

M.S.

[Abstractor's note: Complete translation.]

Card 2/2

BRATKOWSKA-SERIOW, Barbara; DZIERŽKOWA, Vanda; GRUSZKA, Stanislaw; KRAPIKOWA, Danuta: KOBER, Alioja

> Influence of treatment with adrenal cortex hormones on immunohematological lesions in hemopoietic system diseases and in viscoral lupus erythematosus. Polskie arch.med.wevn. 30 no.3: 337-343 160.

1. Z II Kliniki Chorob Wewnetrznych A.N. we Wroclaviu. Kierownik: prof.dr med. A. Falkiewicz i z Wojewodzkiej Stacji Krwiodawstwa we Wroclaviu. Dyrektor: doc.dr med. T. Dorobies.

(ADRINAL CORTEX HORIOURS ther.) (HEMATOPOLETIC SYSTEM 41s.) (LUPUS MEYTHEMATOSUS ther.)

BRATIONSKA-SENIOW, Barbara; BEIERZKOMA, Wanda; GRUSZKA, Stanislaw; KORER, Alioja

Immuno-hemitological changes in visceral lupus crythemitorus. Polskie arch. med. wevnetrs. 29 no.12: 1593-1600:159.

1. I II Kliniki Chorob Vevnetrsnych A.N. ve Vroclavin. Kierownik: prof. dr. med. A. Falkievics i z Vojevedskiej Stacji Krwiodavstva ve Vroclavin Kierownik: doc.dr.md. T.Borobies.

(IUFOS MITHEMATOSUS immacl.)

。 可如 44 C B B 42 C B 6

YLODARSKA, Krystyne; KOBER, Jersy

Oystones of the liver. Polski tygod. lek. 14 no.34:1581-1583 24 Aug 59.

1. (Z Zakladu Chirurgii Ogolnej Instytutu Doskonalenia i Specializacil Kadr Lekarskich w Warezawie; kierownik: doc. dr Josef-Kuhiak i Sspitala Powiatowego w Redsyminie, dyrektor: lek med. Jersy Kober. (LIVER, neoplasma) (CYSTS)

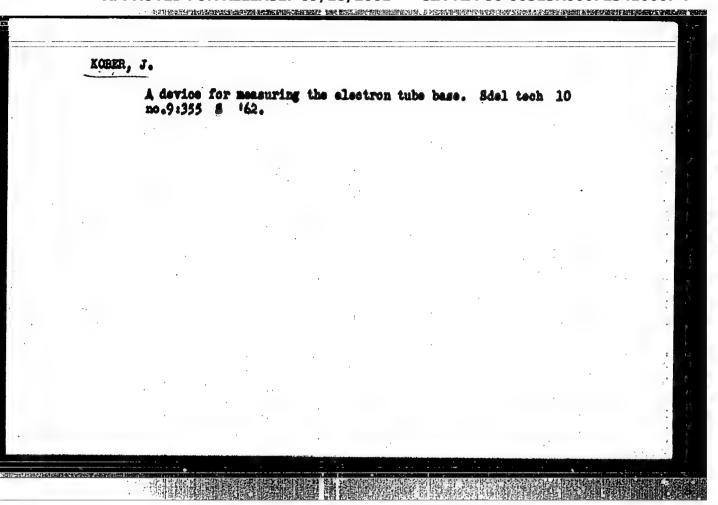
KORER, Jersy

Dramatic course in a case of thrombosis of the upper mesenteric artery in a patient with simultaneous thrombosis of the abdominal acrts. Polski tygod. lek. 14 no.48:2115-2116 30 Nov 59.

1. (Ne Sspitala powiatowego w Radsyminie; dyrektor: lek. med. Jersy Kober)

(AORTA, die.) (MESEMPHRIC VESSELS, die.)

(THROHEOSIS, compl.)



KOBER, Loopold

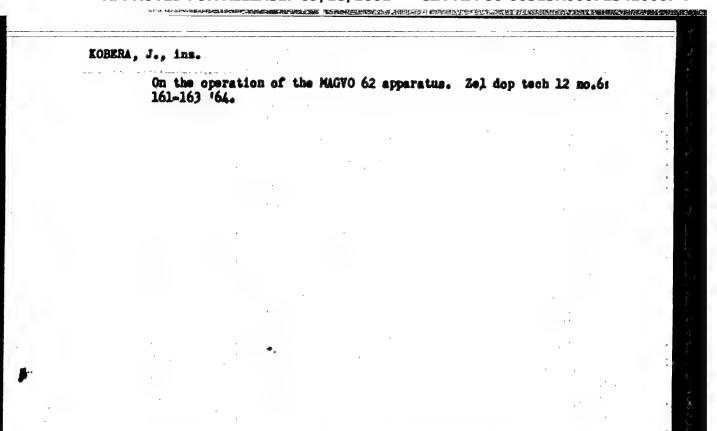
Yugoslavia (430)

Science

Leitlinien der Tektonik Jugoslaviens. Beograd, nauena knjiga, 1952. 81 p. (Srpska akademija nauka. Geoloski institut, knj. 3) (Main tectonic lines of Yugoslavia. In German. Burmary in Berbo-Croatian. Bibl., Pold. Maps.)

East European Accessions List Library of Congress Vol. 2, no. 3, March 1953.

UNCLASSIFIED

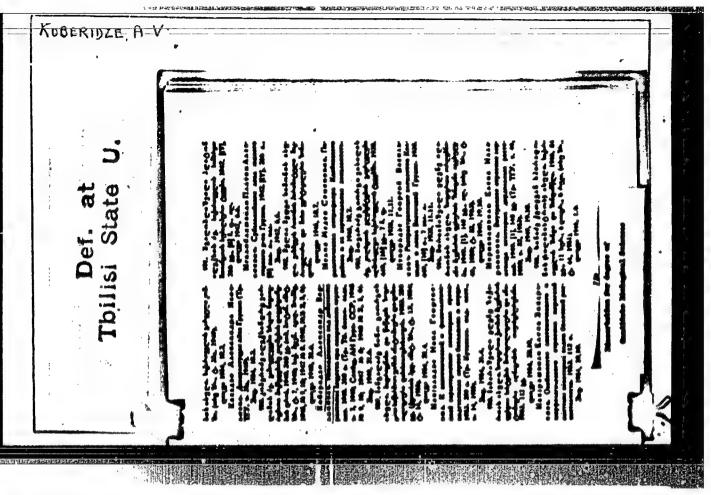


Some problems of parcel transloading. Ca spoje 9 no.6:27 D '64. 1. Severoceska krajska sorava spoju.

KCEE ECKI, TICTR

Produkcja tlenu i obsluga aparatury. (Wyd. 1.) Warssawa, Fanstwove Wydawn. Technicsne, 1954. 176 p. (Producing oxygen and attending the apparatus. 1st ed. illus., bibl., diagrs., index, tables)

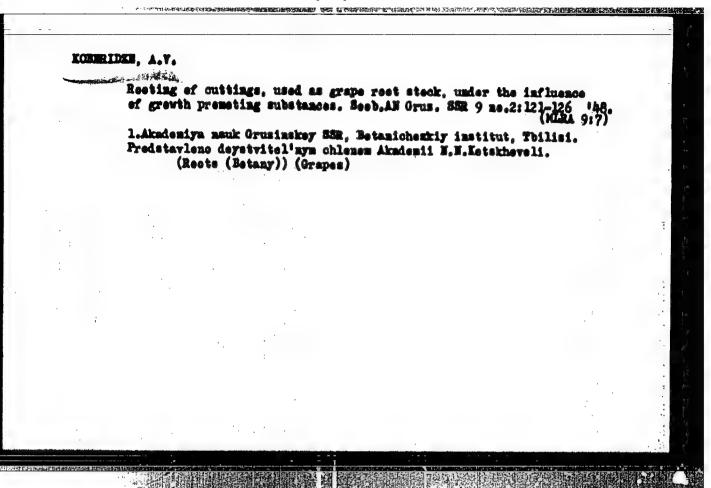
SOURCE: East European Accessions List, (EEAL), Library of Congress, Vol. 4, no. 12, December 1955



KORBRIDGE, A.Y.

Affect of heteroauxin on the change of soluble carbehydrates and other stored matter in mulberry outtings. Soob.AN Grus.SER 8 no.8: 547-554 147. (MIRA 9:7)

1. Akademiya nauk Grusinskey SSR, Betanicheskiy institut, Teilisi. Predstavlene deystvitel'nym ohlenem Akademii N.N. Ketskheveli. (Hermenes (Plants)) (Mulberry)



KORERIDEE, A.V.

Rooting of mulberry outting under the influence of heteromucia. Soob.AN Grus.SSR 9 no.5:307-311 48. (MERA 9:7)

1. Akademiya mauk Grusinskey SSR, Institut betaniki, Tbilisi. Predstavlene deystvitel'nym chlenom Akademii W.W.Ketskheveli. (Growth promoting substances) (Mulberry)

KOBERIOTE
USSIGNATION Threstology - Growth and Development

Herit

Abs Jour

Referat Zhur - Biol. No 16, 25 Aug 1957, 68980

Author

Koberidzo

Title

The Study of Ahatomical-Physiological Changes in Grafting of Different Species of Plants, Treated with Growth

Stimulants During their Rooting.

Orig Pub

: Tr. Grus. s.-kh. in-ta, 1955, 42-43, 255-280

Abstract

! The treatment by stimulates approximately doubles the percentage of rooting of graftings of grape, aulburry and other subtropical plants. The best rooting was manifested by outtings taken in the spring from young plants. In treating outtings an intensive division of cells of the cambium, bast, bark and heartwood with rays was observed; also a diminishing starch content and increase in sugar content. In outlings of grape vines under oultivation the content of essential oils was increased.

Bibl. 15 references.

Card 1/1

EDBERIDZE, A.Y.

APPROVED THE RELEASE: 10 9718728 **//////23410007**-

1. Kadefra fisiologii rasteniy Grusinskogo sel'skokhosyaystvennogo instituta, Thilisi. (Viticulture) (Indolessetic soid) (Orafting)

KOBERIDZE, Al. V.

Doc Biol Sci - (diss) "Theoretical and practical foundations for the application of hormones and growth stimulators." Thilisi, Pub. Georgian Agricultural Inst, 1961. 94 pp; (Tbilisi State Univ imeni Stalin); 200 copies; free; list of author's works on pp 93-94 (28 entries); (KL, 6-61 sup, 205)

KOBERIDZE, L.Ya. (Makhachkala)

Olycogen content in the myocardium in experimental myocarditis.

Arkh.pat. 24 no.5:52-56 162. (MIRA 15:5)

1. Is kafedry patologicheskoy anatomii (sav. - prof. S.S. Kasab'yan) Dagestanskogo meditsinskogo instituta (dir. - dotsent M.M. Maksudov).

(HEART-MUSCLE) (GLYCOGEN)

· CONTRACTORS TO THE TOTAL TO THE TOTAL THE TO

KASHAKASHVILI, N.V.; GLADKOSKOK, P.P.; KHOSHTARIYA, Sh.P.; MINDELI, M.Sh.
Prinimali uchastiyes Parastashvili, V.V.; KOBERIDZE, V.G.;
CHKHEIDZE, Z.A.; HUKHADZE, E.A.; KENKEBASHVILI, O.K.; SHARASHIDZE,
S. Sh.; GOGISHVILI, A.G.; MELKADZE, N.V.; DRAMASHVILI, A.V.;
GORDEZIANI, H.N.; AFRANISHVILI, R.N.

Performance of Transcauensia Hetallurgical Plant blast furnaces operating on natural gas. Trudy GPI [Grus.] no.4sll-23 *62 (MIRE 17:8)

DZIERZKOWA-BORODEJ, Wanda; KOBER-KULESZA, Alicja; SUJAKOWA, Alina

Studies of immune iso-antibodies in human milk. I. Etiology of prolonged jaundice of newborn infants with the serogical conflict of main groups. Pol. tyg. lek. 17 no.12:421-424 19 Hr '62.

1. Ze Staoji Krwiodawstwa we Wroolawiu; dyrektor: doc. dr Tadeuss Dorobiss i se Sspitala Miejskiego im. Madurowicza we Wroclawiu; dyrektor: dr. med. Sergiuss Doganowski.

(MILE HUMAN) (ANTIBODIES) (ERITHROBLASTOSIS FETAL) (BLOOD GROUPS)

ANDREASIK, Zbigniew; KOHER-KULESZA, Alicia

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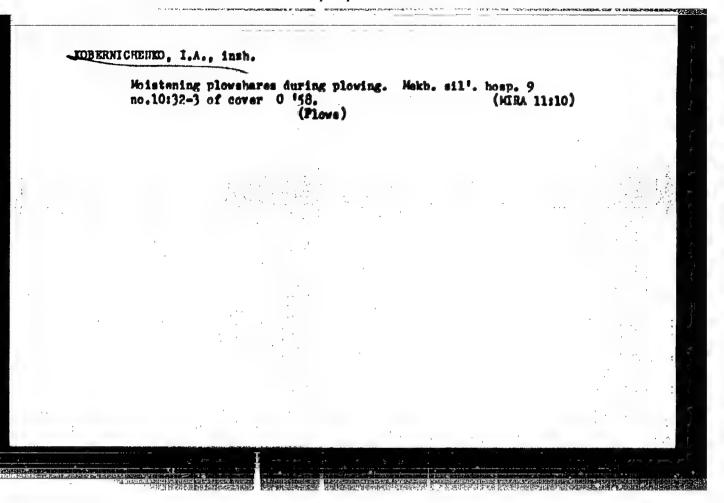
Excretion of estrogens in males and in non-menstruating young girls and women. Ginek. Pol. 36 no.8:917-920 Ag '65.

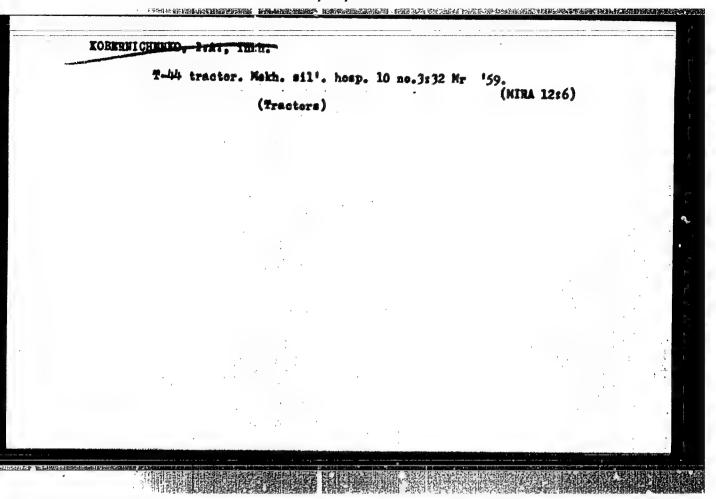
1. Z II Kliniki Chorob Wewnetrznych Akademii Medycznej we Wroclawiu (Kierownik: prof. dr. med. A. Falkiewicz).

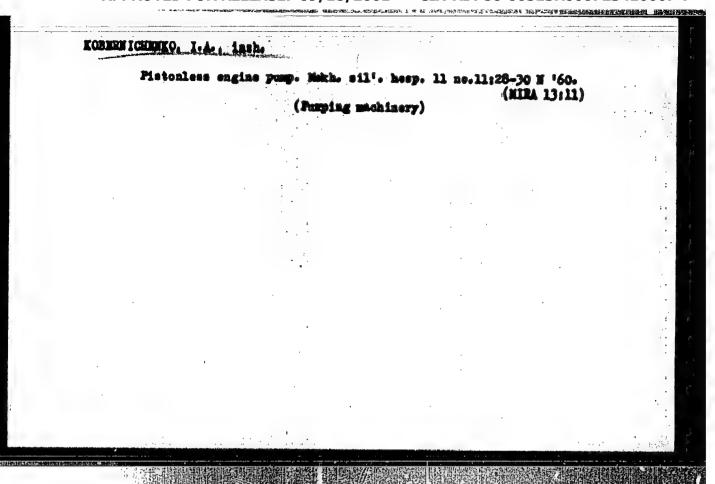
VORONEZHSKIY, V.I.; KOBERNICHENKO, I.A.; CHURBANOVA, I.S., red.; SHCHEGLOVA, I.B., red.

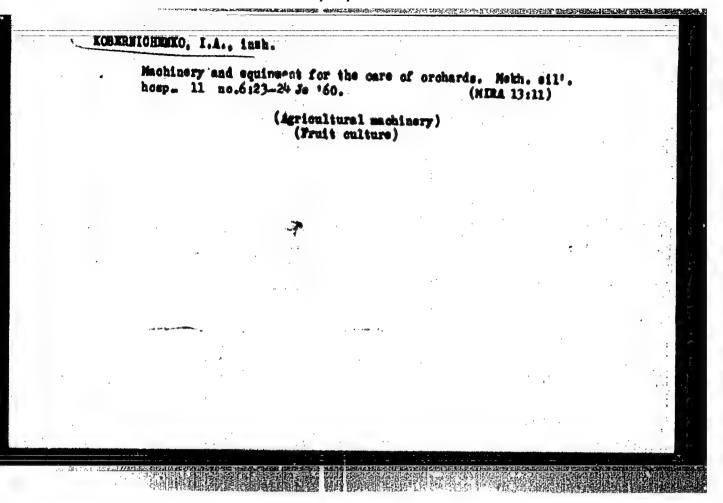
> [Mechanisation of sugar beet growing and harvesting; a survey] Mekhanisatsiia vosdelyvaniia i uborki sakharnoi svekly; obsor. Moskva, 1962. 132 p. (Seroos XI: Traktornoe i sel'skokhosiaistvennoe mashinostroenie)
> (HIRA 17:4)

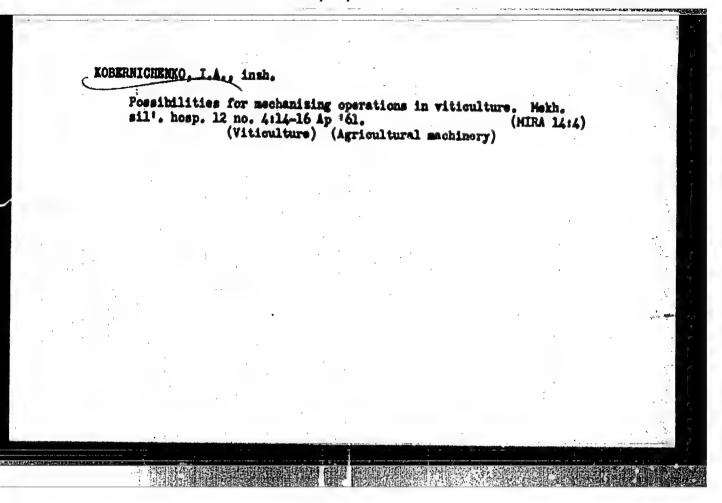
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KOBERNIK, A.P.

Variation of the methodology of inserting electrodes in acute and chronic experiments. Fixiol, whur. [Ukr.] 10 no.3:410-411 My-Je *66. (MIRA 18:9)

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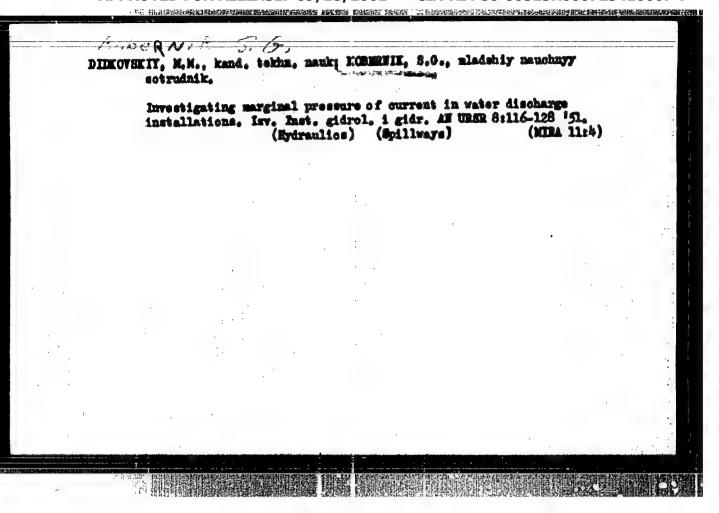
"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723410007-7

KOREKNIK I.N. USSR/Nedicine - Veterinary Card 1/1 : Pub. 137-8/17 Veterinary Physician Author Kobernik, I. H. Megrobacillosis in horses Title Veterinariya 10, 44-48, Oct 1954 Periodical Experimental data and results of observations of incidence of necro-Abstract bacillosis in horses show that the causative organism, B. necrophorum, possesses great virulence. B. necrophorum is found usually in surroundings rich in decomposed animal protein. Favorable conditions for the development of B. necrophorum exist in stockyards where puddles of shallow, stagment water, polluted with excrement of horses, are found. Removal of marrie and drainage of pools of stagment water usually results in complete eradication of the disease from the area. Endemic occurrence of necrobacillosis has never been registered in horses housed in stables. A table. Kayskaya Rayon Veterinary Bacteriological Laboratory, Kirovskaya Institution Oblast. Bubmitted

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tilization of a bulldozer in building the abutment of an earth dam. MTS, 12,no.1,195	2.
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2	1.

KOBERNIK, S, Eng.

Earthwork

Using a scraper in building the out-off wall of an earth dam. MTS 12 no. 8, 1952.

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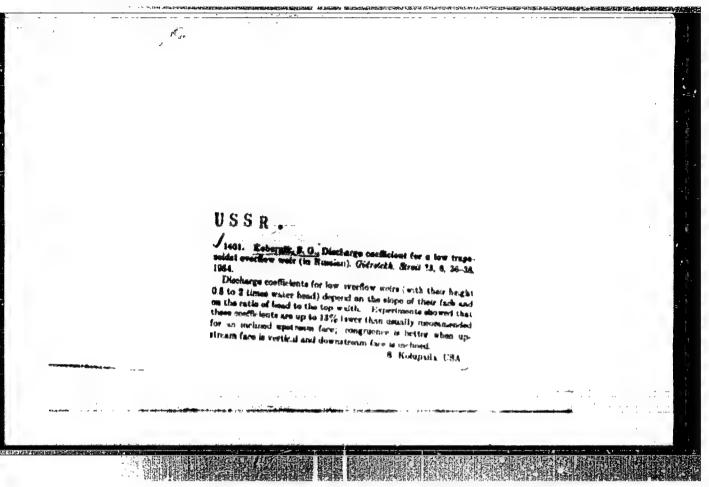
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Discharge coefficient of an ideal spillway with a broad crest. Gidr. stroi. 22, No. 1, 153.

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KOBERNIK, S.G., inshener. On the magnitude of local losses when flow in open streams is obstructed by abutments. Isy. Inst. gidrol. 1 gidr. AN URSE 11:40-46 154; (MIRA 8:4) (Hydraulics)



SILIS, N.A.; MOBERNIK, S. O.; ASAULEMED, I.A.

Investigation of the operation of the 1000-80 hydraulic pipe-line dredge and the 900 millimeter diameter epoil pipe. Isv. Inst. gidrol. i gidr. AN URBR no.14:54-65 '56. (MCRA 9:12)

(Dredging machinery)

SILIN, N.O. DEBRUIL, S.O.

Determination of the motion parameters of a water-earth mixture in pressure pipes. Dep. AN URSR no.2:101-0144

157. (M.RA 10:5)

1. Institut gidrologii ta gidrotekhniki AN URSR. Prodstaviv almeerik AN URSR 9.1. Sukhomel.

(Hydrodymanics)

POTE BUILDING AND AREA STREET, SAND THE STREET, SAND STRE

807/21-58-2-14/28

AUTHORS:

Silin, W.A., Kobernik, S.G. and Assulenko, I.A.

TITLE

Head Losses During the Motion of Water and Water-Solid Mixture in Large Diameter Conduits (Poteri napora pri dvishenii vody i vodogruntovoy smesi v truboprovodakh bol'shikh diametrov)

PERIODICAL:

Dopovidi Akademii nauk Ukrains'koi RSR, 1958, Mr 2,

pp 175-177 (USSR)

ABSTRACT:

The authors present the results of investigations conducted from 1954 to 1956 to determine head losses in large-diameter conduits. The investigations were carried out on pressure conduits of the earth suction dredges, which delivered water-solid mixture into the earth dams of the Kakhovka and Kremenchug Hydroelectric Power Plants. The pipes were of the following diameters: 900, 800 and 614 mm. The authors present numerical data in tabulated form and in graphical form as curves expressing the values of head losses plotted versus the velocity, the diameters of the conduits and the specific weight of the water-solid mixture. There are 4

Card 1/2

SHVHTS, G.I. [Shvets', H.I.]; ZIL'BAN, M.S.; KORERMIK, S.G. [Kobernyk, S.H.];
GLMINIK, A.Ya. [Olinyk, O.IA.]; PIVOTAR, H.G. [Pyvovar, M.H.];
ROZOVSKIY, I.L. [Rosovs'kyi, I.L.]; SKORODIAN, R.T.; DINOVSKIY,
M.M. [Didkovs'kyi, M.M.], kand.tekhn.neuk, otv.red.; KRENTSE', Sh.G.
[Krentsel', Sh.H.], red.-leksikograf; SHIKAN, V.L., red.isd-va;
EUNIY, R.O., tekhn.red.

[Russian-Ukrainian hydrsulic-engineering dictionary; 13000 terms]
Russko-ukrainskii gidrotekhnioheskii slovar', 13000 terminov, Kiev,
Isd-vo Akad.nsuk USSR, 1960, XIV, 192 p. (MIRA 1317)

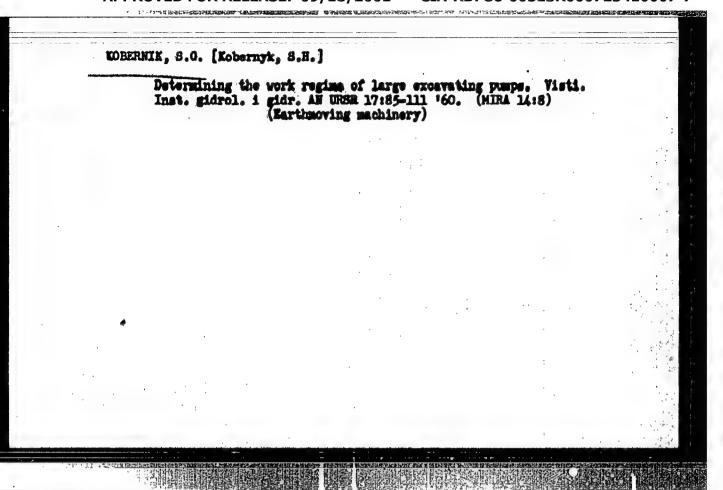
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KOBERNIK, S.G. [Kobernyk, S.H.]

Characteristics of large dredges working with water and a water-soil mixture. Dop.AN URSE no.8:1045-1049 '60. (MIRA 13:9)

1. Institut gidrologii i gidrotekhniki AN USSR. Predstavleno akademikon AN USSR 0.1. Sukhowelow.
(Dredging machinery)



SILIN, N.A. [Silin, M.O.], kend.tekhn.neuk; KOBERNIK, S.G. [Kobernik, S.H.],

Measuring the discharge of a water-soil mixture with Venturi tubes. Visti Inst.gidrol.i gidr.AN URBR 18:68-75 161. (MIRA 15:3) (Venture tubes) (Hydraulic conveying)

SILIH, Nikolay Aleksandrovich; KOMMENIK, Samen Grigor'yevich, Prinimal uchastiye KARASIK, V.M.; PISHCHEREO, I.A. kand. tekhn. nauk, civ. red.; LABINOVA, N.M., red.; DAKHNO, Iw.B., tekhn. red.

[Operating conditions of large dredgers and pipelines]Reshiny raboty krupnykh semlencsnykh snariadov i truboprovodov. Kiev, Isd-vo AN USSR, 1962. 214 p. (MIRA 16:3)

(Hydraulic conveying) (Dredging machinery)

VEREMEYEVA, A.A., insh.; DUL'20M, N.A., insh.; KOBERNIK, Ye.D., insh.; PANASYUK, N.O., insh.; SAVOST'YANOV, Yu.Ye., insh.

Protection of generators from various stator windings damages by means of differential current transformers. Elek. sta. 36 no.2: 40-45 F '65. (KIRA 18:4)

CHWALIBOGOWSKI, Artur; MALECKA, Bosens; KOBERSKA, Alioja; SZCZEPANSKI, Zbigniew

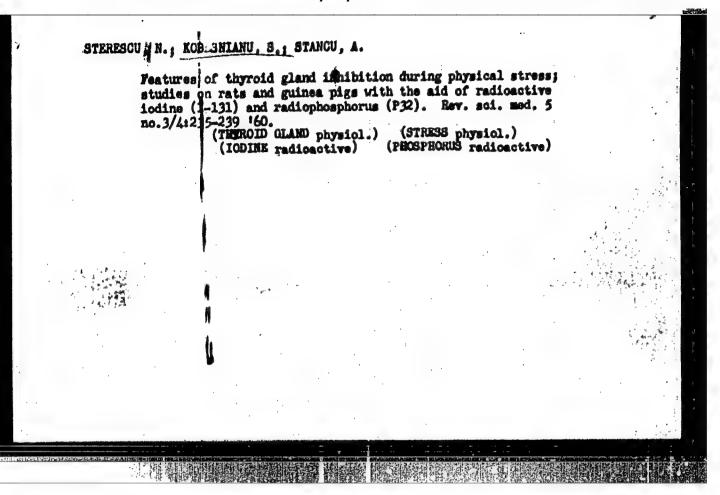
Studies on dynamic criteria of pathological processes in tuberculous cerebrospinal meningitis. Gruslica 29 no.2:145-152 F *61.

1. Z Kliniki Chorob Dzieci Slaskiej AM w Zabrzu Kierowniki prof. dr med. A. Chamlibogowski.

(TUBERCULOSIS MENINGEAL blood) (BLOOD PROTEINS)

KOBESA, N. N. and DOBROKOTOV, N. N.

"The Problems of Designing Open Hearth Furnaces", p. 15, and "Investigation of the Heated Parts of Open Hearth Furnaces for the Purpose of Increasing Their Durability", p. 24, Trudy Instituta Chernoy Metallurgii, Vol. 9, 1955.



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SO: Knizhnaya Letopis!, No 1, 1956

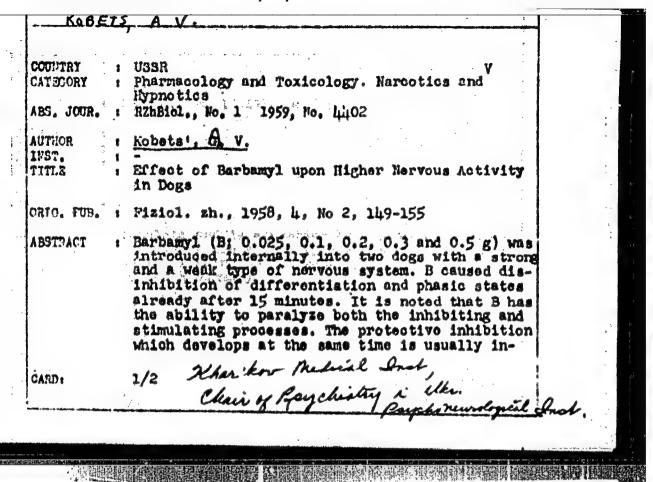
KORBES, A.V.

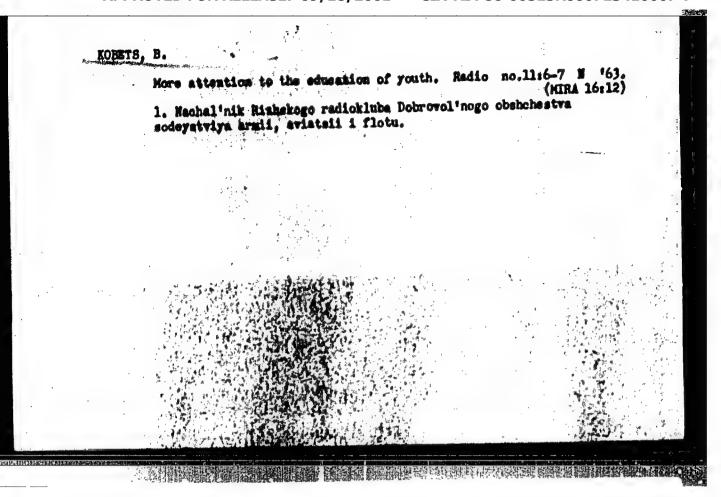
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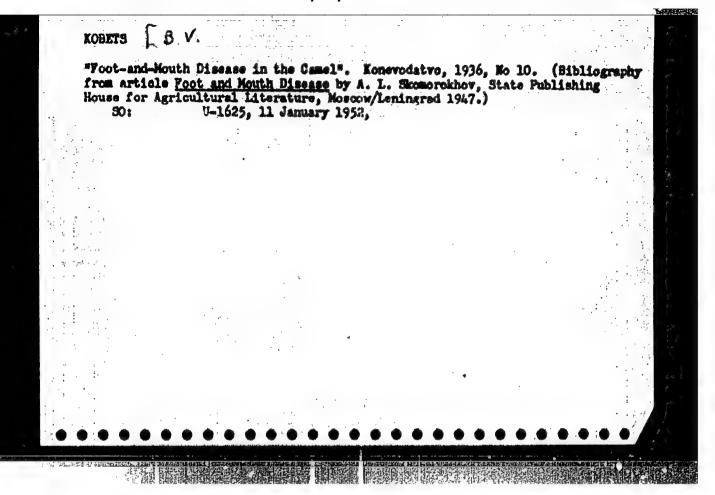




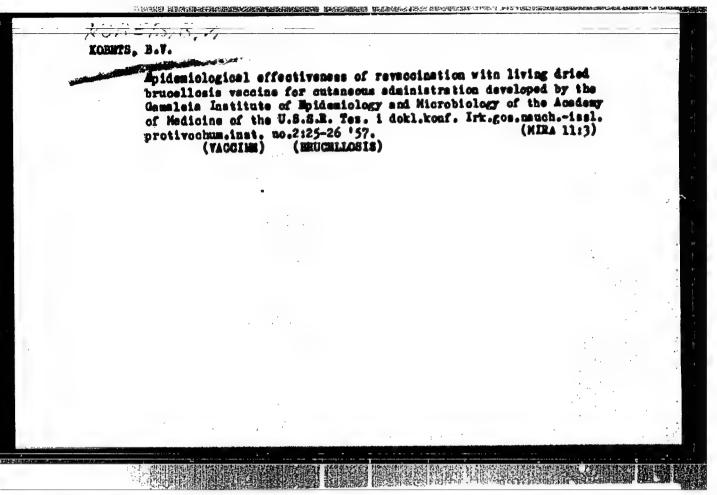
ZYABKO, L.P.; KOHETS, B.M.

Solanine content of eggplants in the dynamics of their growth and development. Isv.vys.ucheb.sav.; pishch.tekh. no.1:26-28
164. (MIRA 17:4)

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FINISH, A.F.; VIEGROV, D.F.; PETUKBOVA, O.S.; ISTOMIKA, T.I., TUTHKOVA, R.H.;
KORNTE, E.V.; SVECHNIKOVA, L.D.; ZELIKMAN, Yu.Ta.; PADALKO, Z.F.;
MICHALOVEKAYA, Ye.M.; KAIMTKOVA, A.D.; KOSTKRIN, V.V.; BRIKO, V.I.;
KOSTRINO; MUSIKHIMA

Distribution of brucellosis in Restern Siberia and the Far Rest.
Tes. i dokl.konf.irk.gos.nsuch.-issl.protivochum. inst.no.2155-56
157.

(SIRKRIA, MASTEGH-BRUCELLOSIS)

(SOVINT FAR MAST-BRUCELLOSIS)

KOBETS, Origoriy [Kobets, Ryhor]

A mother's heart. Rab. 1 sial. 38 no.10:16-17 0 '62.
(MTRA 15:10)

l. Bumashnaya fabrika "Spartak", Shklov.
(Mothers)

KHOMENKO, P., KORETS ... [Kobets', I.]

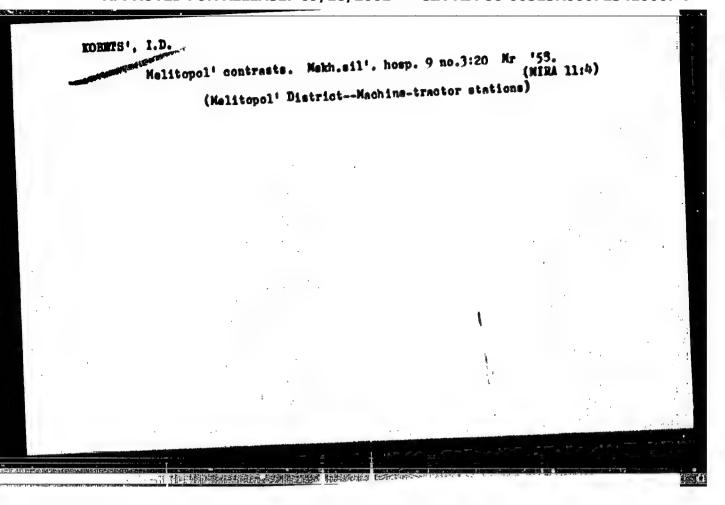
Finish with the missanagement of collective farm machinery. Mekh, sil', hosp. 12 no.12:22-23 D '61. (MIRA 17:1)

1. Machal'nik inspektsii po tekhnicheskomu nadsoru Zhitomirskogo oblastnogo oblyedineniya "Sil'gosptekhnika" (for Khomenko). 2. Spetsial'nyy korrespondent shurnala "Mekhanisatsiya sil's'kogo gospodarstva" (for Kobets).

PETRENKO, M.; KOBETS', I.

How compulsory education is organized in Yagotin. Mekh. sil'.
hosp. 14 no.6:29-30 Je '63. (MIRA 17:3)

1. Korrespondent "Kiivs'koi pravdi" (for Petrenko). 2. Spetsial'nyy korrespondent "Mekhanizatsii sil's'kogo gospodarstva" (for Kobets').



KOBETS, L. C.

Kobets, L. G.

"The Non-Linear Throry of Elastic Open Thin-Walled Rods." Min Higher Education USSR.

Khar'kov Construction Engineering Inst. Chair of Structural Mechanics. Khar'kov, 1955.

(Dissertation for the Degree of Candidate in Technical Sciences.)

SO: Knishnaya Letopis', No. 27, 2 July 1955

124-58-9-10478

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 9, p 150 (USSR)

AUTHOR:

Kobets, L. G.

TITLE:

Fundamental Equations of the State of Stress and Strain in Open Thin-walled Elastic Beams at Large Angles of Torsion (Osnovnyye uravneniya napryazhenno-deformirovannogo sostoyaniya uprugikh nezamknutykh tonkostennykh sterzhney pri bol'shikh uglakh zakruchivaniya)

PERIODICAL: Tr. Kar'kovsk. inzh. -stroit. in-ta, 1957, Nr 5, pp 99-110

ABSTRACT:

An examination of the problem of the flexural torsion of straight thin-walled dastic beams having open profiles with an invariable contour at large angular displacement relative to the longitudinal axis. The angular displacements relative to axes lying within the plane of the transverse section, as well as the elongations and shear deformations are assumed to be small. Use is made of the equations of the nonlinear theory of the deformations of thin shells. The equations of equilibrium and the natural boundary conditions are introduced therein by means of the variational method. Formulas are given for the generalized forces that correspond to the generalized cross-sectional displacements of a thin-walled beam.

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displacements of a thin-walled beams.

1. Beams--Torsion 2. Beams--Stresses 3. Mathematics--Applications

BYCHKOY, D.V., doktor tekhn.msuk, prof.; MIROY, M.O.; LUMMY, Vasiliy

Ivanovich, kand.tekhn.msuk, dots.; IVANOY, Grigoriy Mithaylovich,

kand.tekhn.msuk.; PAVLOY, B.P., prof., doktor tekhn.msuk,

retseasent; ECRMSL.L.L., kand.tekhn.msuk, retseasent; UDOYESKO,

S.A., insh., retseasents; BOROOLOLOY, G.I., insh., retseasent; BOROOHA,

I.S., red. isd-va; KAPLAN, M.Ya., red.isd-va; PERSON, M.H., tekhn.

red.; UL'KIMA, Ye.A., tekhn.red.

[Hnginsering mechanics] Tekhnicheskais mekhanika. Pod obshchei red.

D.V.Bychkova. Moskva, Gos.isd-vo lit-ry po stroit. i srkhit.

Pt.1. Bychkov, D.V., and N.O.Mirov (Theoretical mechanics) Teoreticheskais mekhanika. Isd. 2-ce. 1957. 282 p. Pt.2. Lunev, V.I.

[Resistance of meterials] Soprotivlente meterialov. Isd. 2-ce,

persr. 1957. 255 p. Pt.3. Ivanov, G.M. [Stetics of structures]

Statika scoruzhenii. 1957. 226 p. (MIRA 11:2)

(Mechanics, Applied) (Strength of materials)

ACC NR. AP6011478

SOURCE CODE: UR/0070/66/011/002/0332/0334

AUTHOR: Bokiy, G. B.: Kobets, L. I.

ORG: Institute of Inorganic Chemistry, Siberian Department, AN SSSR, (Institut neorganicheskoy khimii Sibirskogo otdeleniya AN SSSR)

TITLE: Effect of temperature gradient on the real structure of fluorite crystals

SOURCE: Kristallografiya, v. 11, no. 2, 1966, 332-334

TOPIC TAGS: single crystal growth, single crystal growing

ABSTRACT:

Two Soviet scientists from the Institute of Inorganic Chemistry, Siberian Department, AS USSR briefly discuss their experimental data on the growth of fluorite single crystals activated with rare earth elements. Their interest in the CaF₂ crystals was prompted by the possibility of laser application of these crystals.

The importance of thermal factors in growing high-quality crystals had been recognized earlier by many Soviet and Western scientists. In view of this, the authors of this article studied the effects of radial thermal gradient and symmetry of the thermal field during crystallization on the

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ACC NR - AP6011478

real structure of fluorite crystals with admixtures of Faro position of the Stockbarger. They applied either vertical zone melting with seeding or the Stockbarger growth technique combined with vertical zone melting. Both techniques are modifications of the Stockbarger and horizontal zone melting techniques previously used to grow CaF₂ crystals. Growing of the crystals by both techniques was conducted in a universal apparatus which was conceived and described previously* and in an inert gas atmosphere. The furnace was heated by an induction coil. Variations in radial thermal field were achieved by using single graphite crucibles with a wall thickness varying in the 1-5 mm range and multi-section (3-4) crucibles. Other operating conditions were held constant.

The crucibles used for crystal growth in the modified Stockbarger technique had a conic bottom with a 0.8 mm orifice at the vertex of the cone, which was designed to increase the yield of the single crystals. This technique, however, proved to be unsuccessful with respect to the yield. In contrast, the introduction of a chemically cleaned single crystal seed in the crucible, below the charge, contributed to an increase in yield. The charge was made of natural fluorite with additions of 0.2% PbF₂ as an antihydrolytic agent and 0.01 to 5 mol% rare earth activator (as the oxide, fluoride, or oxyfluoride). Crystal growing began immediately after fusion of the seed and was pursued at a rate of 15—20 mm/hr under strict tempera-

ACC NR. AP6011478

ture control. The magnitude of the radial thermal gradient and the symmetry of the thermal field were evaluated from the shape of the solid-liquid interface by a technique used previously ** The fluorite crystals grown were selectively etched and the density of dislocations in the etched crystals, as a measure of structural perfection, was determined microscopically.

The arithmetical means of of the density of dislocations for 10-15 crystals grown in different crucibles are given in Table 1.

Table 1. Density of dislocations of fluorite crystals

o* of crystals gr gle crucibles with w	SCCETOR CERCIPIES			
1.5 ===	5 mm	for a crystal	For the region with curved interface	For the region with plane interface
1.8-105	7.5-104	4.5.105	106	6-104

The crystal-melt interface was convex, nearly spherical, in single crucibles with 1-1.5 mm wall thickness and was much flatter in crucibles with up to 5 mm wall thickness. The shape of the interface indicated a large radial thermal gradient in the case of the thin wall and a significantly decreased gradient in the case of the thick wall single crucibles. The cord 3/4